

## Geckle, David

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**From:** Mike Brokaw <mike.brokaw.pe@gmail.com>  
**Sent:** Friday, May 1, 2026 7:22 AM  
**To:** Geckle, David  
**Subject:** Roche De Beouf Opinion

David Geckle, P.E.  
District 2 Design Engineer  
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I reviewed the 2019 Feasibility Report, the photographs, and the drone footage you provided of the Roche De Beouf structure. I did not however perform a physical site visit or independent field verification. Based on the documentation provided, and my twenty-three years inspecting bridges and teaching bridge inspection classes in my previous role I am in agreement with the 2019 Feasibility Study (PID 107405) that the Roche De Beouf filled-arch structure is in a dangerous state of disrepair.

Based on the current progressive collapse of most spandrel walls and earthen fill material the site is potentially unsafe for anyone on, underneath or adjacent to the tipping walls or sloughing fill e.g., recreational river traffic, structural inspectors performing a more detailed inspection, technicians gathering concrete cores, maintenance personnel, and unauthorized trespassers. I concur with the Feasibility Study that the spandrel walls and earthen fill need safely removed to improve the immediate safety of the structure and surrounding site.

Beyond the immediate concerns, the arch-rings, specifically the area between the longitudinal spandrel wall construction joints visible on the upstream and downstream underside of each span, exhibit widespread moderate deterioration. Defects such as buildup of efflorescence and widespread saturation in most spans, and deep spalling in a few spans showing signs that the concrete may not be sound.

In its current state the Roche De Beouf structure is not sound; most notably the unstable spandrel walls and earthen-fill. A controlled demolition of the structure would mitigate the immediate risk of partial collapse.

Respectfully submitted,  
Mike Brokaw, P.E.

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